



# PIPELINE SAFETY NEWSLETTER

527 East Capitol Avenue, Springfield, Illinois 62701

## 2008 PIPELINE SAFETY CONFERENCE JULY 16 & 17, 2008 Effingham, IL

The Illinois Commerce Commission's Gas Pipeline Safety Program and the Pipeline and Hazardous Materials Safety Administration ("PHMSA") will be hosting a Pipeline Safety Conference at the Thelma Keller Conference Center in Effingham IL. July 16 and 17, 2008. Wayne St. Germain, a Pipeline Safety Specialist with PHMSA Training and Qualification, will be providing code compliance related updates and training.

### Topics—

- ◆ 49 CFR Part 192 Code Updates
- ◆ Distribution Integrity Management - Proposed Rule
- ◆ Public Awareness
- ◆ One-call Updates
- ◆ Incident Investigation

The conference agenda will be mailed when finalized.

If you have any questions, please feel free to contact

Nancy Standridge at 217-785-1416.



### ICC Pipeline Safety Contacts



#### Program Manager

Darin Burk 217-785-1165

#### Secretary

Nancy Standridge 217-785-1416

#### Inspectors

Charles Gribbins 217-414-9359

Donald Hankins 217-415-4440

Mark Kern 217-414-9357

Kevin Ketchum 217-414-9356

Matt Smith 217-370-6570

Randy Stewart 217-414-9608

Jim Watts 217-414-9609

**Fax** 217-524-5516

**24 Hr. Emergency #**

**For Reporting Accidents 217-782-5050**

### **PHMSA T&Q**

*The training arm of the Pipeline and Hazardous Materials Safety Administration, formerly known as TSI, is now PHMSA Training and Qualification (T&Q). T&Q conducts training for all pipeline safety inspectors and will providing compliance training at the Biennial Pipeline Safety Conference.*

### ICC 2008 Holiday Calendar

The ICC Offices will be closed on the following dates in 2008:

May 26 - Monday - Memorial Day

July 4 - Friday - Independence Day

September 1 - Monday - Labor Day

October 13 - Monday - Columbus Day

November 4 - Tuesday - Election Day

November 12 - Monday - Veterans Day

November 27-28 - Thanksgiving Holiday

December 25 - Thursday - Christmas Day

## Annual Reports are Due

**DUE DATE — March 15, 2007**

Be sure to file a copy with both the U.S. DOT and the ICC.

The Annual Distribution and Transmission (if applicable) Reports are due to the Information Systems Manager in Washington, D.C. by March 15, 2008. Please remember that a copy should be sent to our office at the same time. Send a copy to the ICC office at:

**Illinois Commerce Commission**  
**Attn: Nancy Standridge**  
**4th Floor**  
**527 East Capitol Avenue**  
**Springfield, IL 62701**

The revised forms require you to summarize your natural gas distribution main mileage by age of pipe, along with added categories on leaks that you discover and repair. Copies of 7100.1-1 and 7100.2-2 forms and/or instructions can be found on the Office of Pipeline Safety home page, <http://ops.dot.gov>, by clicking the Forms Tab or OPS Forms section of the ONLINE LIBRARY.

## Operation and Maintenance Plan Updates

Operation and Maintenance (O&M) Plan updates are required to be filed with the ICC. In the interest of conservation, our office will accept revisions to O&M Plans in electronic format.

When providing submissions in electronic format we are requesting the entire O&M Plan be submitted on compact discs. Please include a summary of revisions and updates.

If you choose to continue hard copy submissions, please include instructions as to where each revision is to be placed in the O&M Plan. If materials are to be replaced or removed please identify the items by section and page numbers if applicable.

## New Pipeline Safety Staff

### Kevin Ketchum

Kevin came to the ICC in May of 2007. He was previously employed by the City of Pittsfield for 11 years in the municipal utilities maintenance department. Kevin's hobbies include fishing and hunting.

### Matt Smith

Matt started with the ICC in July of 2007. Matt was with AmerenCIPS for 11 years as Journeyman Welder. Matt enjoys spending time with his children.

## Anti-drug Testing Programs

The Pipeline and Hazardous Materials Safety Administration ("PHMSA") has requested that State programs conduct complete reviews of all operator anti-drug and alcohol testing programs. Our inspectors will be using an updated checklist to review the plans to determine compliance with CFR Part 192 and Part 40. Operators are encouraged to review your programs to verify compliance with current regulations. All anti-drug sample testing must be conducted by a PHMSA approved laboratory. Additional information such as approved testing laboratories can be found at: <http://www.dot.gov/ost/dapc/labs.html>.

## Instrument Calibration

Instrument calibration is essential to accurate measurement. Our inspections found numerous operators who failed to perform instrument calibration in a timely manner. Equipment such as combustible gas indicators, flame ionization units, volt meters and odorators/odorometers need calibration on a regular basis. Remember to document the calibration date of all instrumentation.



## Illinois Commerce Commission December 2007 JULIE Enforcement Statistics

	2002	2003	2004	2005	2006	2007 YTD	Since Inception
<b>Results of Completed Cases:</b>							
Cases Withdrawn	15	21	6	19	20	103	184
Notices of Termination	37	129	60	115	76	104	521
Warning Letters	14	69	63	74	83	135	438
Notices of Violation	2	77	33	35	53	90	290
Total Penalties assessed -	\$2,000	\$39,126	\$54,990	\$47,250	\$62,300	\$153,938	\$359,603.50
Total Penalties collected -	\$0	\$31,325	\$39,481	\$37,138	\$46,213	\$101,285	\$255,440.50
<b>TOTAL</b>	68	296	162	243	232	432	1433
<b>Incident Reports Submitted by Utilities:</b>							
Failure to call for Refresh (4a)	0	0	3	1	0	4	8
No valid JULIE Ticket (4d & 4g)	84	116	91	143	142	123	699
Failure to exercise due care (4b)	54	23	21	43	71	55	267
Failure to immediately notify utility of damage (7)	2	1	0	1	0	1	5
False emergency locate request (6a)	3	2	1	4	2	4	16
Failure to provide proper support for facilities (4e)	1	0	0	0	0	0	1
Improper Backfilling (4f)	1	0	1	0	0	0	2
No Violation	2	5	0	3	0	0	10
Failure to notify of unmarked facilities or wait 2 hours after Destroying Facility Markings (11h)	0 0	0 0	0 1	1 0	0 0	0 2	1 3
<b>TOTAL</b>	147	147	118	196	215	189	1012
<b>Incident Reports Submitted by Excavators &amp; Others:</b>							
Failure to mark in 48 hours (10)	25	16	40	24	26	123	254
No valid JULIE ticket (4d)	2	7	6	10	13	18	56
Failure to mark properly (10)	1	11	5	8	15	4	44
Failure to exercise due care (4b)	1	5	9	6	7	5	33
No Violation	3	2	3	3	1	3	15
Failure to Join JULIE (3)	0	47	3	1	0	2	53
Failure to Mark Emergency (6)	0	0	0	1	0	2	3
<b>TOTAL</b>	32	88	66	53	62	157	458
<b>TOTAL Incident Reports Submitted</b>	179	235	184	249	277	346	1470
Cases Heard by Advisory Committee	0	51	17	33	28	34	163
Number of Open Cases						41	

Number in parenthesis denotes section of Damage Prevention Act

Suspected violations of the Act can be reported via the web at [www.icc.illinois.gov](http://www.icc.illinois.gov) under the JULIE Enforcement link or the form can be printed out and sent in by mail, fax or e-mail. Hard copy forms can be mailed to:

**Manager, JULIE Enforcement, Illinois Commerce Commission, 527 East Capitol Avenue, Springfield, IL 62701**

Forms can be e-mailed to: [digsafe@icc.illinois.gov](mailto:digsafe@icc.illinois.gov) - or faxed to: (217) 524-5516

If you have questions or comments regarding the Damage Prevention Act requirements contact:

Bill Riley—(217) 782-5911; e-mail: [briley@icc.illinois.gov](mailto:briley@icc.illinois.gov)

Joe Gilsinger—(217) 524-4060; e-mail: [jgilsing@icc.illinois.gov](mailto:jgilsing@icc.illinois.gov)

Bryan Pemble—(217) 557-9882; e-mail: [bpemble@icc.illinois.gov](mailto:bpemble@icc.illinois.gov)



## **2008 Operator / Inspector Listing**

### **Public Utilities**

**Alliant Energy—**  
Hankins

**Ameren Companies**  
**Ameren CILCO**  
**Ameren CIPS**  
**Ameren IP**  
**Ameren Services**  
Watts - Hankins - Kern

**ATMOS Energy -**  
Kern—Stewart—Watts

**Consumers Gas - Watts**

**Illinois Gas Company - Gribbins**

**MidAmerican Energy - Hankins**

**Mt. Carmel Public Util. - Watts**

**North Shore Gas - Gribbins**

**Nicor Gas Company**  
Stewart - Ketchum

**Peoples Energy -**  
Gribbins - Smith

### **Municipal Systems**

Aledo - Hankins  
Anna - Smith  
Auburn – Gribbins  
Belle Rive - Kern  
Bethany - Gribbins  
Bluford - Watts  
Bushnell - Ketchum  
Cairo - Kern  
Casey - Gribbins  
Chester - Kern  
Cisne - Gribbins  
Clay City - Hankins  
Cobden - Smith  
Creal Springs - Kern  
Crossville - Watts  
Dahlgren - Kern

Divernon – Smith  
Dupo - Kern  
Edinburg - Edinburg  
Enfield - Hankins  
Equality - Watts  
Fairfield - Hankins  
Findlay - Gribbins  
Flat Rock - Gribbins  
Flora - Hankins  
Franklin - Ketchum  
Geff - Gribbins  
Grand Tower – Hankins  
Grayville - Watts  
Greenup - Gribbins  
Jonesboro - Kern  
Karnak - Kern  
Louisville - Gribbins  
Marshall - Gribbins  
Martinsville - Gribbins  
McLeansboro - Hankins  
Milford - Stewart  
Morton - Stewart  
Nashville - Watts  
New Boston - Hankins  
Norris City - Watts  
Pawnee - Ketchum  
Pinckneyville - Watts  
Pittsburg - Kern  
Pittsfield - Smith  
Pleasant Hill - Ketchum  
Rantoul - Stewart  
Red Bud - Kern  
Riverton - Ketchum  
Roodhouse - Smith  
Rossville - Stewart  
Salem - Gribbins  
Shawneetown - Watts  
Sims - Watts  
Stonington - Gribbins  
Sullivan - Gribbins  
Tamm - Hankins  
Thebes - Hankins  
Toledo - Gribbins  
Vienna – Hankins  
Waterloo - Kern  
Waverly - Ketchum  
Wayne City - Watts  
Westville - Stewart  
White Hall - Smith  
Winchester –Ketchum

### **Master Metered Systems**

Alexander County Housing - Kern  
Franklin County Housing - Kern  
Greene County Housing - Smith  
Massac County Housing - Kern  
Peoria Housing - Gribbins  
Pulaski County Housing - Hankins  
Saline County Housing - Kern  
Union County Housing - Smith  
University of Illinois - Watts  
White County Housing - Gribbins  
Williamson County Housing - Hankins

### **Intrastate Transmission**

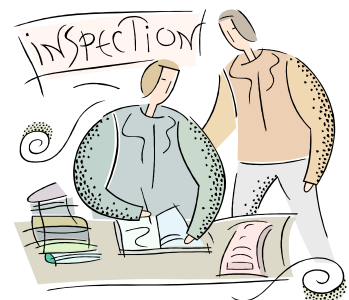
Egyptian Storage, Ridgeway –  
Gribbins  
Elysium Energy - Gribbins  
Gallagher Drilling - Gribbins  
Grayson Hill Farms - Gribbins  
Illinois Gas Transmission - Watts  
University of Illinois Lateral - Watts

### **Direct Sales**

Aquila Services - Watts  
Mississippi River Transmission - Watts  
Panhandle Eastern - Watts  
Prairieland Pipeline - Gribbins  
Southern Illinois Power Co - Gribbins  
Vector Pipeline - Watts

### **Co-op's**

Jo Carroll Energy - Hankins  
Rock Energy - Hankins



## 2007

From the beginning, 2007 was a year of change for the ICC Pipeline Safety Program. In January of 2007, Darin Burk moved from a long held position of Pipeline Safety Analyst to become Pipeline Safety Program Manager. With the addition of Kevin Ketchum and Matt Smith, the Program was once again at full staff.

Darin's move required that other Staff members assume his previously assigned duties. Jim Watts and Charles Gribbins have completed the PHMSA T&Q courses required prior to performing pipeline integrity management program inspections. Going forward, Jim and Charles will be performing the IMP inspections.

As many of you have noticed, several revisions were made to the inspection forms and reporting techniques. Many of the revisions were made to align our program more closely with that of our PHMSA partners. The old "Field Trip Report" has been all but phased out and replaced with the "Post Inspection Memorandum" or "PIM". Upon completion of all inspections, the PIMs are submitted by the Analyst that performed the inspection. Once reviewed and filed, the completed PIM is forwarded to the appropriate contact designated by the operator.

Another change was the retirement of the "Observation" form. We no longer issue Observations. Issues that need to be brought to the attention of the operators are now recorded in the "Issues Identified" section of the PIM.

Due to the PHMSA emphasis on damage prevention, our Analysts performed several field audits relating to the quality of one-call notice response. These audits identified several issues and areas in need of improvement for pipeline locating as well as locating of other utility facilities. Going forward, our Pipeline Safety Staff and the JULIE Enforcement Staff will continue to perform quality checks of one-call notice response.

In 2007, our municipal and master meter operators were introduced to operator qualification services being provided by the American Public Gas Association Security and Integrity Foundation. With the assistance of funding provided by PHMSA, the APGA SIF has emerged as an affordable alternative to qualification for small operators. Approximately 31 municipal operators in Illinois received qualification for various tasks in 2007. Additional sessions are being scheduled in Illinois in

We are looking forward to working with all of you in what is shaping up to be another challenging year. PHMSA has indicated that a proposed rule relating to Distribution Integrity Management will be published some time in the first half of 2008. They are also encouraging the states to enhance damage prevention programs in an effort to reduce third party damages, which continues to be the leading cause of pipeline related incidents. Public Awareness program implementation will also be closely monitored. As stated earlier in this letter, PHMSA has placed new emphasis on review of and compliance with anti-drug and alcohol program.

The Pipeline Safety Staff would like to thank the operators and their representatives for the courtesy and professionalism conveyed during the inspection process throughout 2007.

### ***U.S. Department of Homeland Security Transportation Security Administration***

The Transportation Security Administration was formed immediately following the tragedies of Sept. 11. The agency is a component of the Department of Homeland Security and is responsible for security of the nation's transportation systems. Pipeline Security and Awareness CD's and Brochures are now available from the TSA. Order forms can be found at:

[http://www.tsa.gov/what\\_we\\_do/tsnm/pipeline.shtm](http://www.tsa.gov/what_we_do/tsnm/pipeline.shtm)



**Know what's below.  
Call before you dig.**

**REGISTRATION FORM**

***Gas Pipeline Safety Conference  
Thelma Keller Conference Center  
1202 N. Keller Drive (I-70 @ I-57 Exit 160)  
Effingham, IL  
(Hilton Garden Inn (217) 540-7777)  
July 16 & 17, 2008***

Company: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax #: \_\_\_\_\_

Name of Attendee(s):

\_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
\_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
\_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
\_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
\_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
\_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Registration Fee: **\$85.00** (*per person*)      Make Check payable to: **IL Pipeline Safety** )  
(*No credit cards accepted*)

Vendor Registration Fee: **\$175.00**  
(*includes one table and one participant—each additional participant must pay the \$85.00 conference fee*)

Amt. Enclosed: \_\_\_\_\_

Mail Registration Form and Fee to : Nancy Standridge, Pipeline Safety  
Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, IL 62701  
(217)785-1416





## ***Regulator Vent Icing***



Icing of customer meter regulators can result in overpressure of downstream piping. Accumulation of snow and/or water dripping from roof overhangs and refreezing on and around the regulator vents have been identified as the cause of multiple incidents throughout the U.S.

Meter set assembly designs that require the regulator to hang directly over the meter appear to be particularly susceptible to this problem. Water hitting the top of the gas meter and splashing up on the regulator accumulates in and around the regulator vent, sealing the opening. Particular attention should be paid to meter sets located under overhangs that do not have sufficient guttering.

It is the gas system operator's responsibility to protect the regulator vent from the accumulation of ice and snow. Protection devices that can be added to the regulator vent are available and should be installed where necessary.

## ***Pipeline Safety Website***

We will be periodically updating our Website. This Newsletter, for example, will be made available in a PDF format. We will also be posting items of interest to operators, such as links to Advisory Notices, Notices of Proposed Rulemakings, Final Rules, etc.

To access the Illinois Commerce Commission website go to:

<http://www.icc.illinois.gov/pipelinesafety>

OR

<http://www.icc.illinois.gov/>

In the menu located on the left side of the page click on the "Natural Gas" tab located under the "Industry" heading. Next, click on the "Illinois Gas Pipeline Safety Program" on the Natural Gas page. Click on the item of interest.

## ***Public Awareness Plans***

The Public Awareness (PA) Plans submitted to the Clearinghouse have been evaluated and our office has been notified of deviations from the RP 1162. We have begun the review of the plans submitted to our office and intend to complete them in 2008. Our inspectors will be contacting each operator to discuss deviations identified during the reviews.

All operators are reminded to review their PA Plans and verify that all required communications have been conducted, including communications with emergency responders.

## ***Direct Sales Pipelines***

Prior to 2007, pipelines supplying natural gas directly to end users, such as power plants and industrial customers, fell under the jurisdiction of the State pipeline safety program. The PIPES Act of 2006 modified Section 60101, paragraph (9), of Title 49 United States Code. The revision redefined an intrastate gas pipeline facility as a pipeline facility and transportation of gas within a State not subject to the regulatory authority of the Federal Energy Regulatory Commission. Therefore, if a pipeline directly serving an end user from an interstate pipeline was installed under a FERC certificate, it is now classified as an interstate transmission pipeline.

Our office will be contacting interstate operators to determine which pipelines previously inspected as direct sales lines were installed under a FERC certificate. Once that has been determined, the information will be provided to the PHMSA Central Region Office. Our office will not longer assume jurisdiction over such facilities and all inspections will be conducted by PHMSA.

Illinois Commerce Commission  
Pipeline Safety – 4<sup>th</sup> Floor  
527 E. Capitol Avenue  
Springfield, IL 62701

ADDRESS SERVICE REQUESTED